9.6 Muck Disposal plan

Quantity of muck generated from various project activities like earthwork, excavation for foundation is 1,16,673 cum, quantification of the same is given in table below.

Table 9.12 Quantification for volume of muck generated

Sl. No.	Project activity	Type of excavation	Volume of excavation Cum.
1	Intake canal	Underground	50,625
2	Pump House I		28,575
3	Pump House II		14,300
4	Pressure main		67,332
5	Gravity main		16,440
		Total	**1,16,673**

The muck generated will be completely reused for embankment, filling trenches, land levelling, service path etc., and the details of muck required for each activity is given below:

Table 9.13 Quantification for volume of muck reused

Total muck generated	Formation of embankment	Filling of trenches	Service road and inspection path	Land leveling	Construction of CD works
1,16,673	11,667	46,670	35,002	11,667	11,667